



Federal Emergency Management Agency

Washington, D.C. 20472

MAY 29 2003

CERTIFIED MAIL
RETURN RECEIPT REQUESTED

IN REPLY REFER TO:
Case No.: 01-09-592P

The Honorable Ray Masayko
Mayor, City of Carson City
201 North Carson Street, Suite 2
Carson City, NV 89701

Community: City of Carson City, NV
Community No.: 320001
Panel Affected: 0080 C
Effective Date of **MAY 29 2003**
This Revision:

102-I-A-C

Dear Mayor Masayko:

This responds to a request that the Federal Emergency Management Agency (FEMA) revise the effective Flood Insurance Rate Map (FIRM) for your community in accordance with Part 65 of the National Flood Insurance Program (NFIP) regulations. On October 14, 2002, Mr. Chuck Armstrong, P.E., Project Manager, Western Engineering & Surveying Services, requested that FEMA revise the FIRM to show the effects of construction of a 10-foot by 2.5-foot box culvert and channel improvements along Saliman Road Tributary from its confluence with H Tributary to just downstream of Fairview Drive and updated topographic information and channel improvements along H Tributary from its confluence with Saliman Road Tributary to just upstream of Roop Street. Mr. Armstrong's October 14 request for a Letter of Map Revision (LOMR) replaced a March 30, 2001, request for a Conditional Letter of Map Revision from Mr. John P. Givlin, P.E., C.F.M., Senior Project Manager, Floodplain Manager, Engineering Department, Carson City Development Services, City of Carson City.

All data required to complete our review of this request were submitted with letters from Mr. Armstrong and Mr. Givlin.

We have completed our review of the submitted data and the flood data shown on the effective FIRM and in the effective Flood Insurance Study (FIS) report. We have revised the FIRM to modify the elevations and floodplain boundary delineations of the flood having a 1-percent chance of being equaled or exceeded in any given year (base flood) along the revised reaches of Saliman Road and H Tributaries. As a result of the modifications, the Base Flood Elevations (BFEs) for H Tributary increased in some areas and decreased in other areas, and the width of the Special Flood Hazard Area (SFHA), the area that would be inundated by the base flood, along the north side of H Tributary decreased. Also as a result of the modifications, the BFEs increased throughout the revised reach of Saliman Road Tributary, and the width of the SFHA decreased along the west side of Saliman Road Tributary. Because the increases in BFE along Saliman Road Tributary are too small to change the whole-foot BFEs shown on the effective FIRM, they will not be published. The modifications are shown on the enclosed annotated copy of FIRM Panel 0080 C. This LOMR hereby revises the above-referenced panel of the effective FIRM dated March 16, 1989.

The modifications are effective as of the date shown above. The map panel listed above and as modified by this letter will be used for all flood insurance policies and renewals issued for your community.

The following table is a partial listing of existing and modified BFEs:

Location	Existing BFE (feet)*	Modified BFE (feet)*
H Tributary:		
Approximately 400 feet upstream of Roop Street	4,645	4,644
Approximately 1,200 feet upstream of Roop Street	4,642	4,643

*Referenced to the National Geodetic Vertical Datum, rounded to the nearest whole foot

Public notification of the modified BFEs will be given in the *Nevada Appeal* on or about June 19 and June 26, 2003. A copy of this notification is enclosed. In addition, a notice of changes will be published in the *Federal Register*. Within 90 days of the second publication in the *Nevada Appeal*, any interested party may request that FEMA reconsider the determination made by this LOMR. Any request for reconsideration must be based on scientific or technical data. All interested parties are on notice that, until the 90-day period elapses, the determination to modify the BFEs made by this LOMR may itself be modified.

Because this LOMR will not be printed and distributed to primary users, such as local insurance agents and mortgage lenders, your community will serve as a repository for these new data. We encourage you to disseminate the information reflected by this LOMR throughout the community, so that interested persons, such as property owners, local insurance agents, and mortgage lenders, may benefit from the information. We also encourage you to prepare a related article for publication in your community's local newspaper. This article should describe the assistance that officials of your community will give to interested persons by providing these data and interpreting the NFIP maps.

We will not physically revise and republish the FIRM and FIS report for your community to reflect the modifications made by this LOMR at this time. When changes to the previously cited FIRM panel and FIS report warrant physical revision and republication in the future, we will incorporate the modifications made by this LOMR at that time.

This LOMR is based on minimum floodplain management criteria established under the NFIP. Your community is responsible for approving all floodplain development and for ensuring all necessary permits required by Federal or State law have been received. State, county, and community officials, based on knowledge of local conditions and in the interest of safety, may set higher standards for construction in the SFHA. If the State, county, or community has adopted more restrictive or comprehensive floodplain management criteria, these criteria take precedence over the minimum NFIP criteria.

The basis of this LOMR is, in whole or in part, a channel-modification/culvert project. NFIP regulations, as cited in Paragraph 60.3(b)(7), require that communities ensure that the flood-carrying capacity within the altered or relocated portion of any watercourse is maintained. This provision is incorporated into your community's existing floodplain management regulations. Consequently, the ultimate responsibility for maintenance of the modified channel and culvert rests with your community.

This determination has been made pursuant to Section 206 of the Flood Disaster Protection Act of 1973 (Public Law 93-234) and is in accordance with the National Flood Insurance Act of 1968, as amended (Title XIII of the Housing and Urban Development Act of 1968, Public Law 90-448), 42 U.S.C. 4001-4128, and 44 CFR Part 65. Pursuant to Section 1361 of the National Flood Insurance Act of 1968, as amended, communities participating in the NFIP are required to adopt and enforce floodplain management regulations that meet or exceed NFIP criteria. These criteria are the minimum requirements

and do not supersede any State or local requirements of a more stringent nature. This includes adoption of the effective FIRM to which the regulations apply and the modifications described in this LOMR. Our records show that your community has met this requirement.

A Consultation Coordination Officer (CCO) has been designated to assist your community. The CCO will be the primary liaison between your community and FEMA. For information regarding your CCO, please contact:

Mr. Jack Eldridge
Chief, National Flood Insurance Program Branch
Federal Emergency Management Agency, Region IX
1111 Broadway Street, Suite 1200
Oakland, CA 94607-4052
(510) 627-7184

If you have any questions regarding floodplain management regulations for your community or the NFIP in general, please call the CCO for your community at the telephone number cited above. If you have any questions regarding this LOMR, please call our Map Assistance Center, toll free, at 1-877-FEMA MAP (1-877-336-2627).

Sincerely,



Max H. Yuan, P.E., Project Engineer
Hazard Study Branch
Federal Insurance and
Mitigation Administration

For: Mary Jean Pajak, P.E., Acting Chief
Hazard Study Branch
Federal Insurance and
Mitigation Administration

Enclosure

cc: Mr. John P. Givlin, P.E., C.F.M.
Senior Project Manager
Floodplain Manager
Engineering Department
Carson City Development Services
City of Carson City

Mr. Chuck Armstrong, P.E.
Project Manager
Western Engineering & Surveying Services

CHANGES ARE MADE IN DETERMINATIONS OF BASE FLOOD ELEVATIONS FOR THE CITY OF CARSON CITY, NEVADA, UNDER THE NATIONAL FLOOD INSURANCE PROGRAM

On March 16, 1989, the Federal Emergency Management Agency identified Special Flood Hazard Areas (SFHAs) in the City of Carson City, Nevada, through issuance of a Flood Insurance Rate Map (FIRM). The Federal Insurance and Mitigation Administration has determined that modification of the elevations of the flood having a 1-percent chance of being equaled or exceeded in any given year (base flood) for certain locations in this community is appropriate. The modified Base Flood Elevations (BFEs) revise the FIRM for the community.

The changes are being made pursuant to Section 206 of the Flood Disaster Protection Act of 1973 (Public Law 93-234) and are in accordance with the National Flood Insurance Act of 1968, as amended (Title XIII of the Housing and Urban Development Act of 1968, Public Law 90-448), 42 U.S.C. 4001-4128, and 44 CFR Part 65.

A hydraulic analysis was performed to incorporate construction of a 10-foot by 2.5-foot box culvert and channel improvements along Saliman Road Tributary from its confluence with H Tributary to just downstream of Fairview Drive and updated topographic information and channel improvements along H Tributary from its confluence with Saliman Road Tributary to just upstream of Roop Street. This has resulted in a decrease in SFHA width along both streams and increased and decreased BFEs for H Tributary. The table below indicates existing and modified BFEs for selected locations along the affected lengths of the flooding source(s) cited above.

Location	Existing BFE (feet)*	Modified BFE (feet)*
H Tributary:		
Approximately 400 feet upstream of Roop Street	4,645	4,644
Approximately 1,200 feet upstream of Roop Street	4,642	4,643

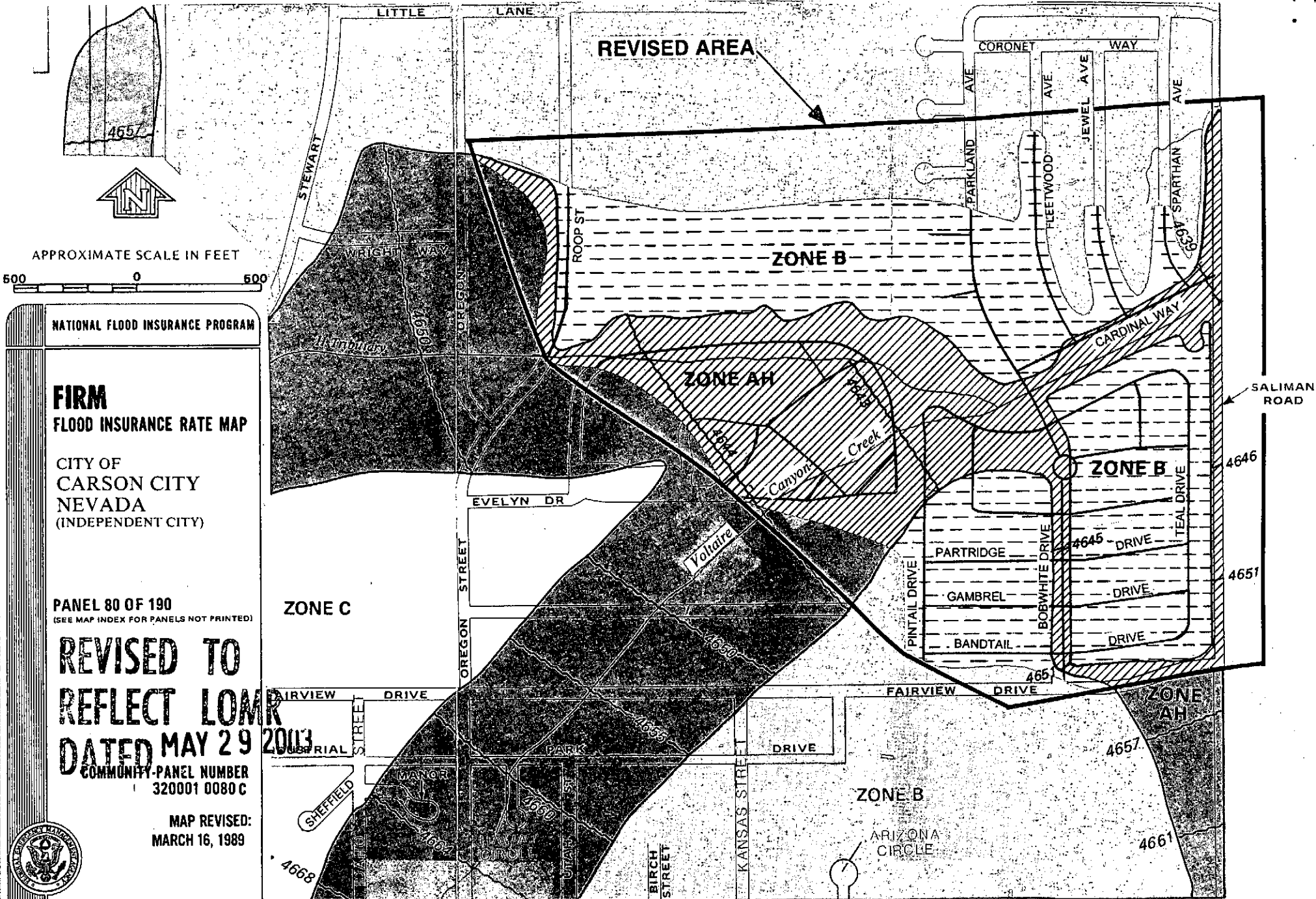
*National Geodetic Vertical Datum, rounded to nearest whole foot

Under the above-mentioned Acts of 1968 and 1973, the Federal Insurance and Mitigation Administration must develop criteria for floodplain management. To participate in the National Flood Insurance Program (NFIP), the community must use the modified BFEs to administer the floodplain management measures of the NFIP. These modified BFEs will also be used to calculate the appropriate flood insurance premium rates for new buildings and their contents and for the second layer of insurance on existing buildings and contents.

Upon the second publication of notice of these changes in this newspaper, any person has 90 days in which he or she can request, through the Chief Executive Officer of the community, that the Federal Insurance and Mitigation Administration reconsider the determination. Any request for reconsideration must be based on knowledge of changed conditions or new scientific or technical data. All interested parties are on notice that until the 90-day period elapses, the Federal Insurance and Mitigation Administration's determination to modify the BFEs may itself be changed.

Any person having knowledge or wishing to comment on these changes should immediately notify:

The Honorable Ray Masayko
Mayor, City of Carson City
201 North Carson Street, Suite 2
Carson City, NV 89701



NATIONAL FLOOD INSURANCE PROGRAM

FIRM FLOOD INSURANCE RATE MAP

CITY OF
CARSON CITY
NEVADA
(INDEPENDENT CITY)

PANEL 80 OF 190
(SEE MAP INDEX FOR PANELS NOT PRINTED)

**REVISED TO
REFLECT LOMR
DATED MAY 29 2003**
COMMUNITY-PANEL NUMBER
320001 0080 C

MAP REVISED:
MARCH 16, 1989



Federal Emergency Management Agency